

AUTOMATED TRACK INSPECTION PROGRAM

FRA T16 VEHICLE SYSTEM

Type:	Tow behind Metroliner cab
Brakes:	Knorr Disk Brakes with Anti-skid; Parking Brake with Manual Override, Capable Service Brake Rate of 2.2 MPHPS, and an Emergency Rate of 2.8 MPHPS
Communications	Internal Public Address, cellular telephone, and (2) hand held radios.
Defect Marking	DGPS Reporting

DIMENSIONS AND WEIGHTS

Weight, w/ Fuel125,000 pounds (62.5 tons)
Loading Each Axle31,250 pounds
Length Over Pulling Force of Couplers (PFC).....	85' 4"
Truck Center Distance59' 6"
Truck Wheelbase8' 6"
Maximum Length Carbody82' 6"
Maximum Width Carbody10' 4.375"
Maximum Height - Rail to Top of Satellite Antenna, New Wheels, Light Car14' 1"
Height, Rail to Top of Finished Floor52 ¾"
Wheel Diameter (New)36"
Fuel Capacity.....	250 U.S. gallons

ACCOMMODATIONS

Safety Equipment	First Aid Kits; Evacuation Tools; Fire Extinguishers; Derails; Wheel Chocks; Blue Flags and Lights; Personal Protection Equipment (safety vests, eyewear, hard hat, etc.); Portable "walkie-talkies"
Seating:	Seating for 26 People (Including Engineer); Rear Observation (3); Computer Room (3)